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Title: **JP56028463A2: WAX COATING METHOD OF LAMINATED FASTENED CELL ELEMENT**

Country: **JP Japan**

Kind: **A (See also: JP56028463B4)**

Inventor(s): **TSUCHIDA TAKASHI
SATO MASANORI
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Applicant/Assignee: **FUJI ELELCTROCHEM CO LTD**

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Issued/Filed Dates: **March 20, 1981 / Aug. 14, 1979**

Application Number: **JP1979000103391**

IPC Class: **H01M 2/02;**

Priority Number(s): **Aug. 14, 1979 JP1979000103391**

Abstract: **Purpose:** To form a complete wax coating by placing a laminated fastened battery element and wax bath in a same evacuated atmosphere, and then soaking the battery in the bath while simultaneously releasing the evacuation.

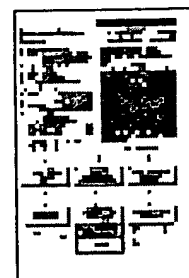
Constitution: A laminated fastened battery element and wax bath is placed in a same evacuated atmosphere, for example of 100 ~ 30mmHg. For example, the wax bath is a molten mixture of 15pts.wt. of vinyl acetate-ethylene copolymer having a low molecular weight, a softening point of 60 ~ 90°C, and low viscosity and containing about 30% of vinyl acetate and 85pts.wt. of micro crystalline wax. The laminated battery element is soaked in the bath heated at 125±2°C, and the atmosphere is released from evacuation or pressurized to cause the wax penetrate into small spaces completely.

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(30) Priority:

(43) Date of application
publication: **20.03.81**(84) Designated contracting
states:(71) Applicant: **FUJI ELELCTROCHEM CO LTD**(72) Inventor: **TSUCHIDA TAKASHI**
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**(54) WAX COATING
METHOD OF LAMINATED
FASTENED CELL ELEMENT**

(57) Abstract:

PURPOSE: To form a complete wax coating by placing a laminated fastened battery element and wax bath in a same evacuated atmosphere, and then soaking the battery in the bath while simultaneously releasing the evacuation.

CONSTITUTION: A laminated fastened battery element and wax bath is placed in a same evacuated atmosphere, for example of 100~30mmHg. For example, the wax bath is a molten mixture of 15pts.wt. of vinyl acetate-ethylene copolymer having a low molecular weight, a softening point of 60~90°C, and low viscosity and containing about 30% of vinyl acetate and 85pts.wt. of micro crystalline wax. The laminated battery element is soaked in the bath heated at 125±2°C, and the atmosphere is released from evacuation or pressurized to cause the wax penetrate into small spaces completely.

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